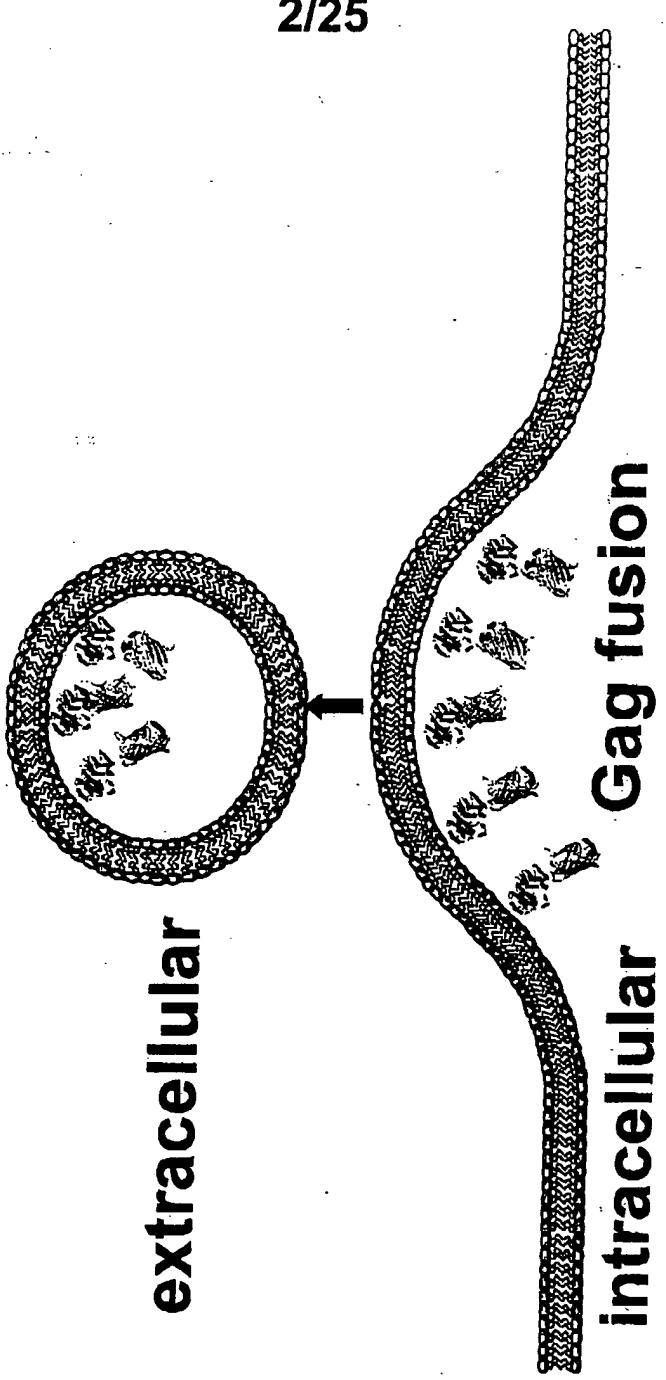


Fig. 1

VLP encapsulation

extracellular



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Fig. 2

VLP display

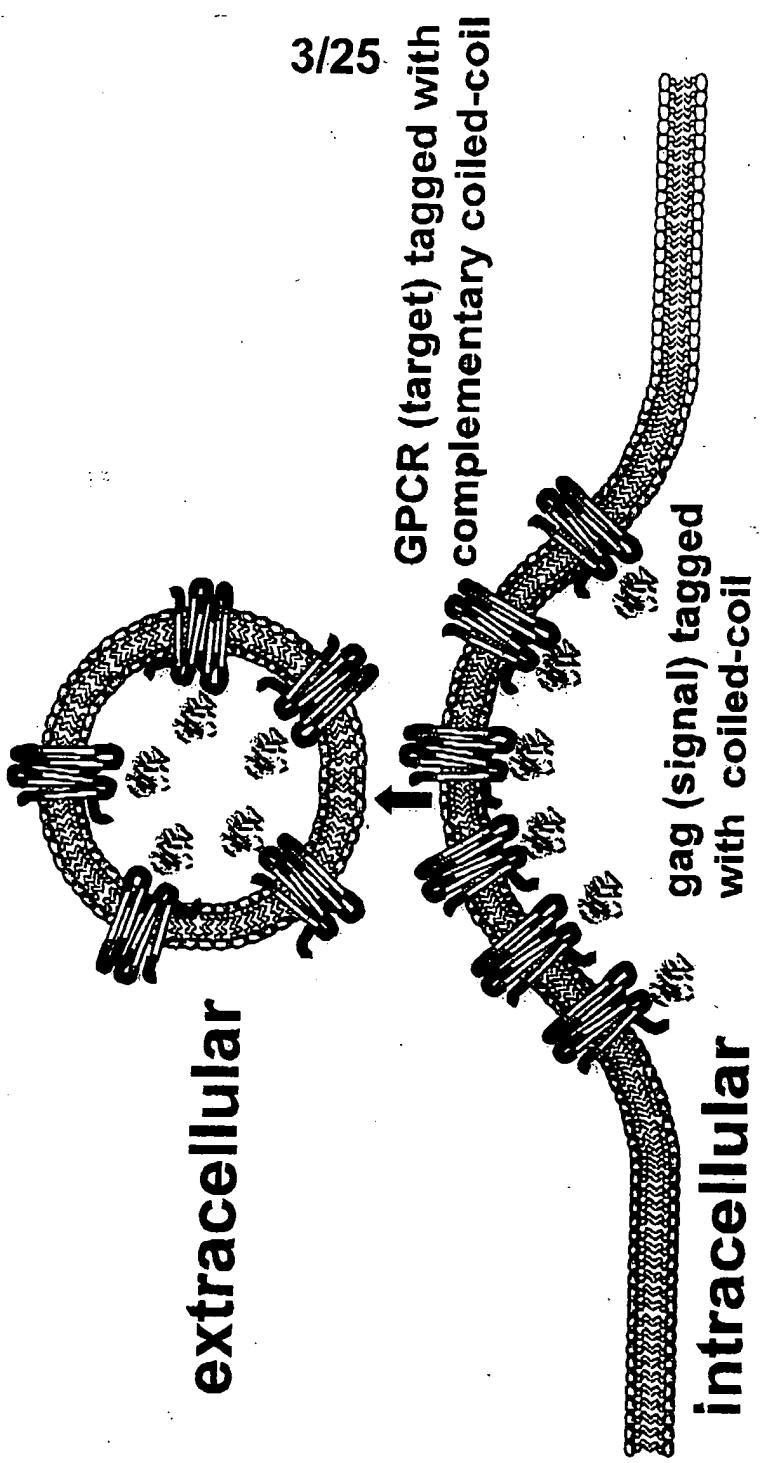


Fig. 3

Target containing a single transmembrane spanning domain as exemplified by the human EGF-receptor.

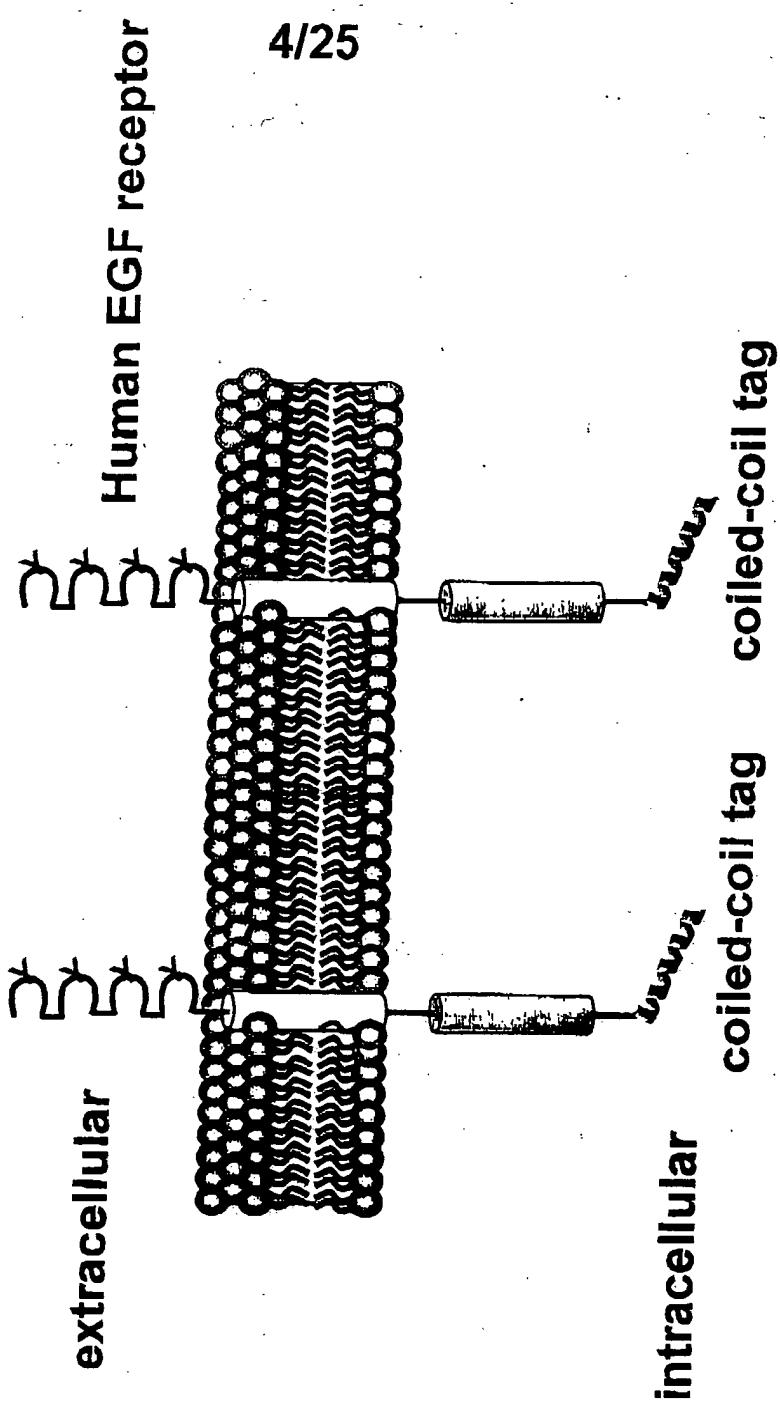


Fig. 4

Human EGF receptor expression on the surface of VLPs

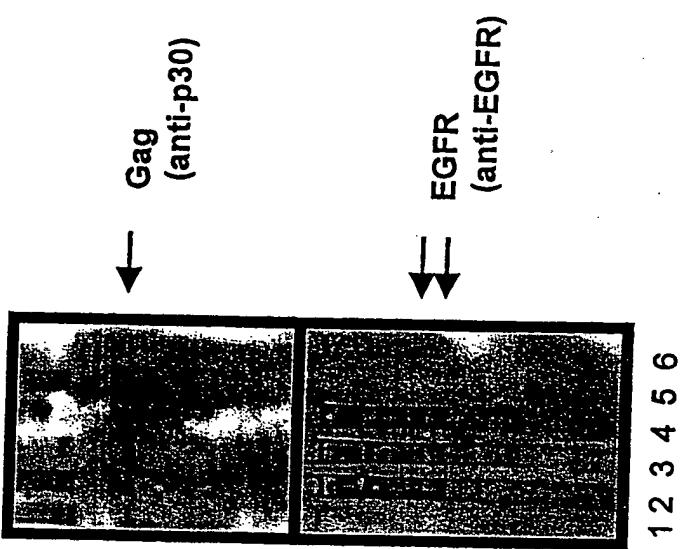


Fig. 5

**Binding of TAMRA-labeled EGF to Human EGF Receptor
on Membrane Vesicles and VLPs**

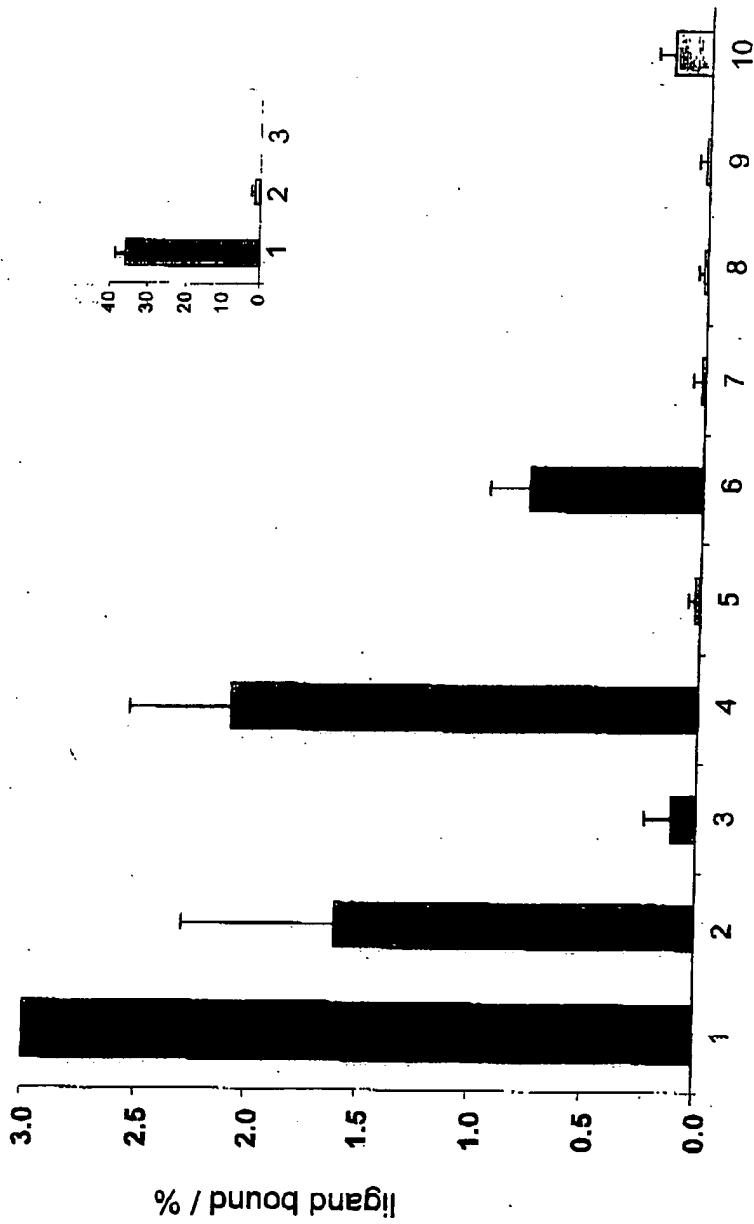


Fig. 6

Target containing a multiple transmembrane spanning domain as exemplified by the human Endothelin A receptor.

xtracellular

Human Endothelin A receptor

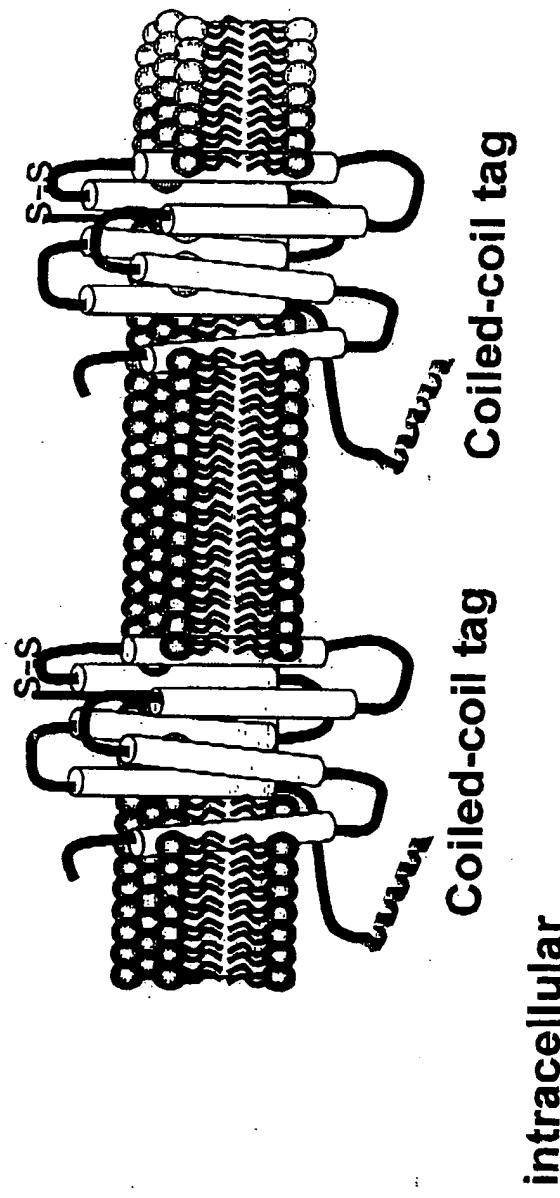


Fig. 7

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**Human Endothelin A receptor expression
on the surface VLPs**

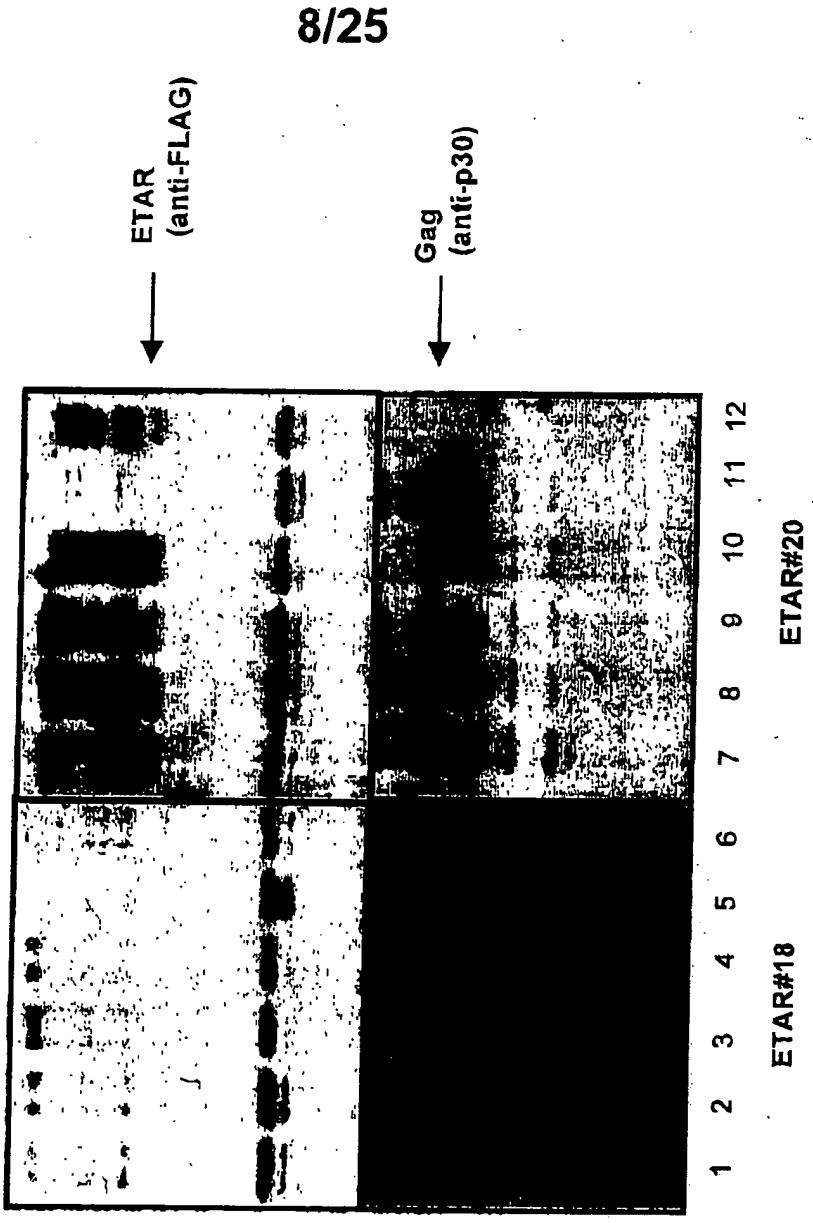


Fig. 8

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Binding of TAMRA-labeled Endothelin-1 to Human
ET Receptor on Membrane Vesicles and VLPs

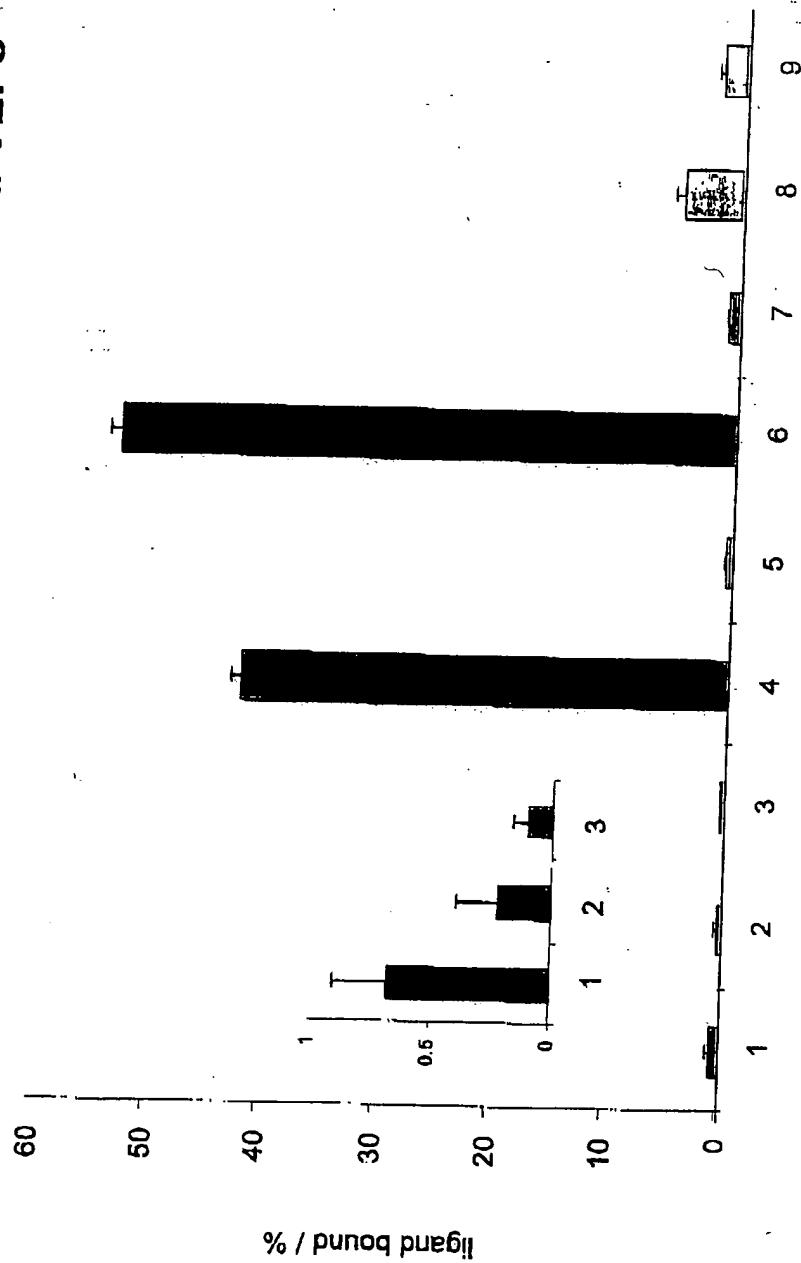


Fig. 9

Specificity of the Human ET Receptor on VLPs

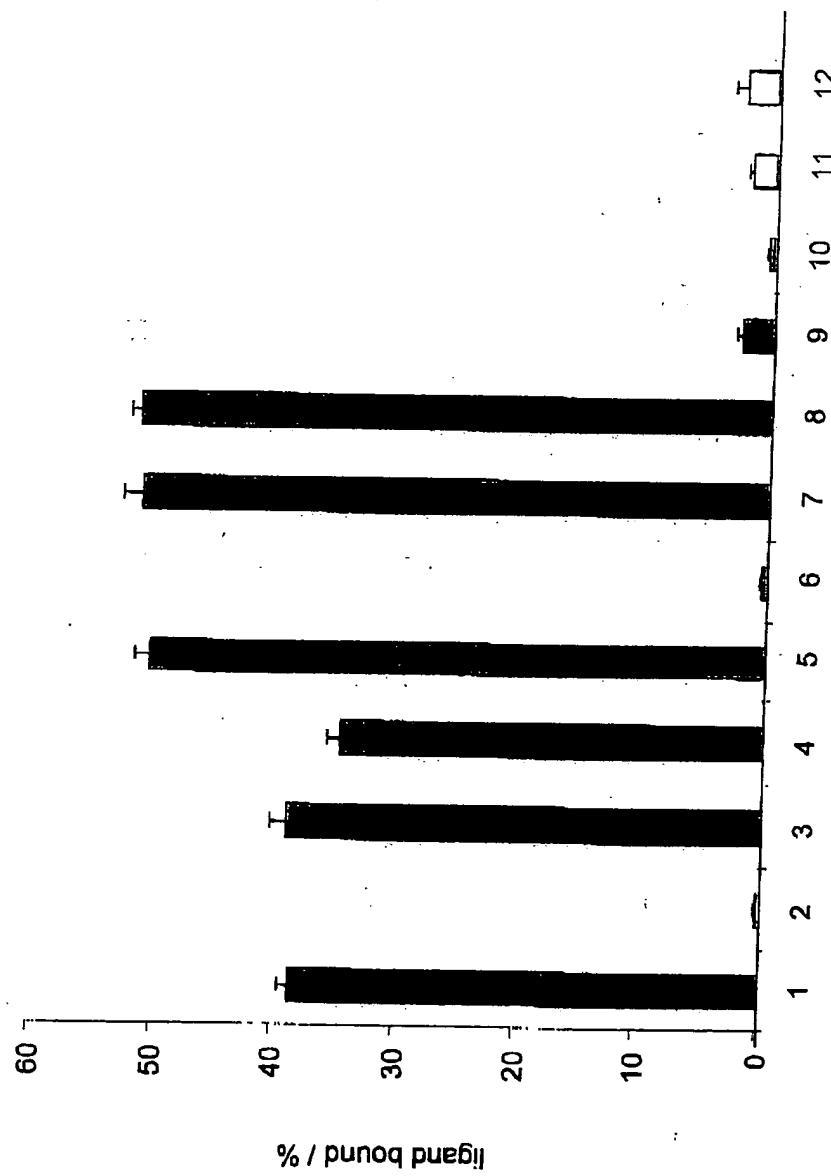
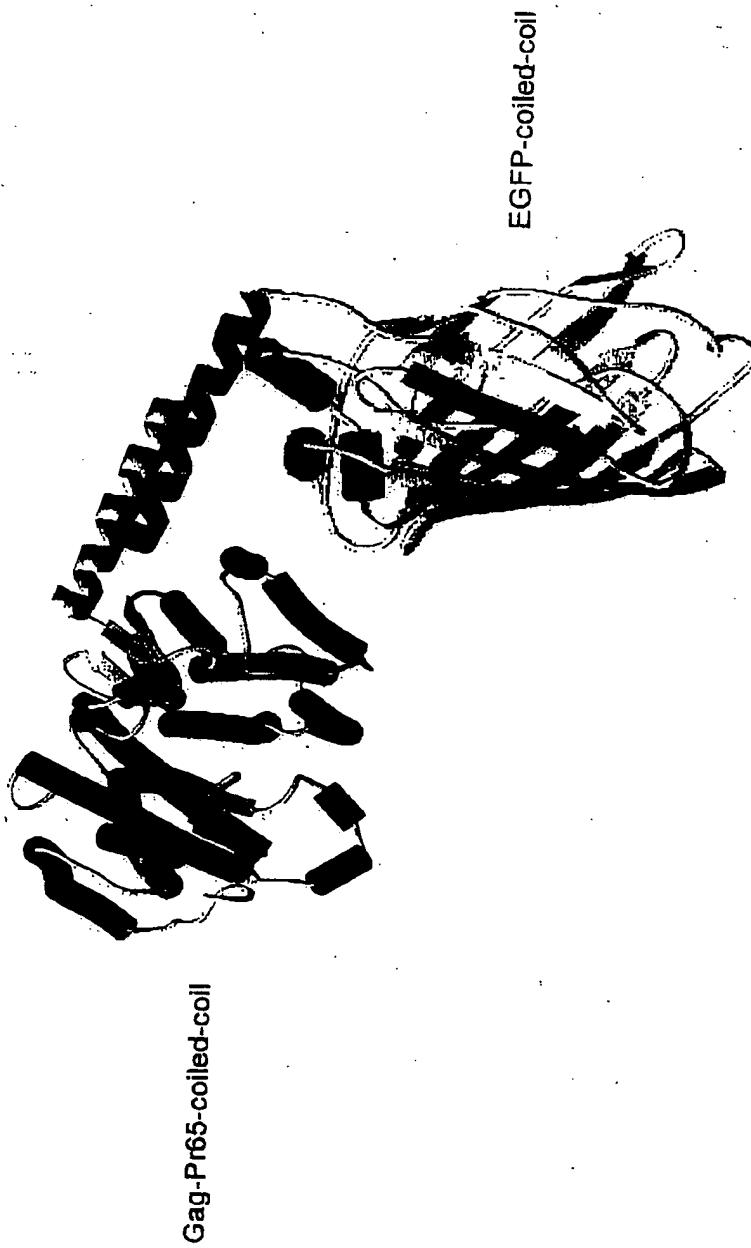


Fig. 10

Fig. 11

Gag-Pr65 EGFP interaction leading to encapsulation



VLP coiled coil interaction in cell
culture supernatants.

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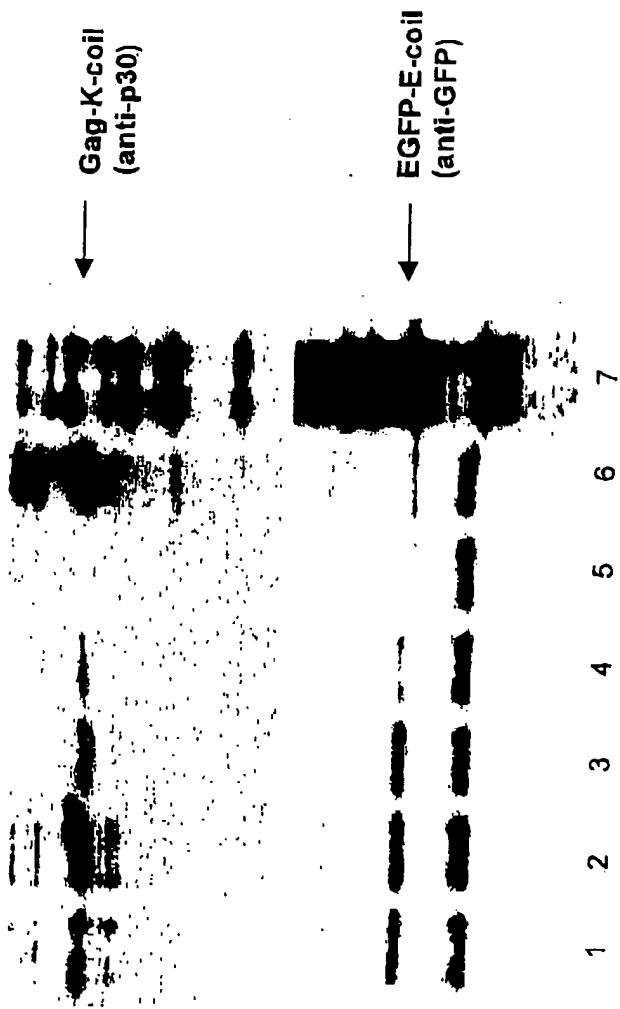


Fig. 12

Quantitative Analysis of Fluorescent VLPs by FIDA

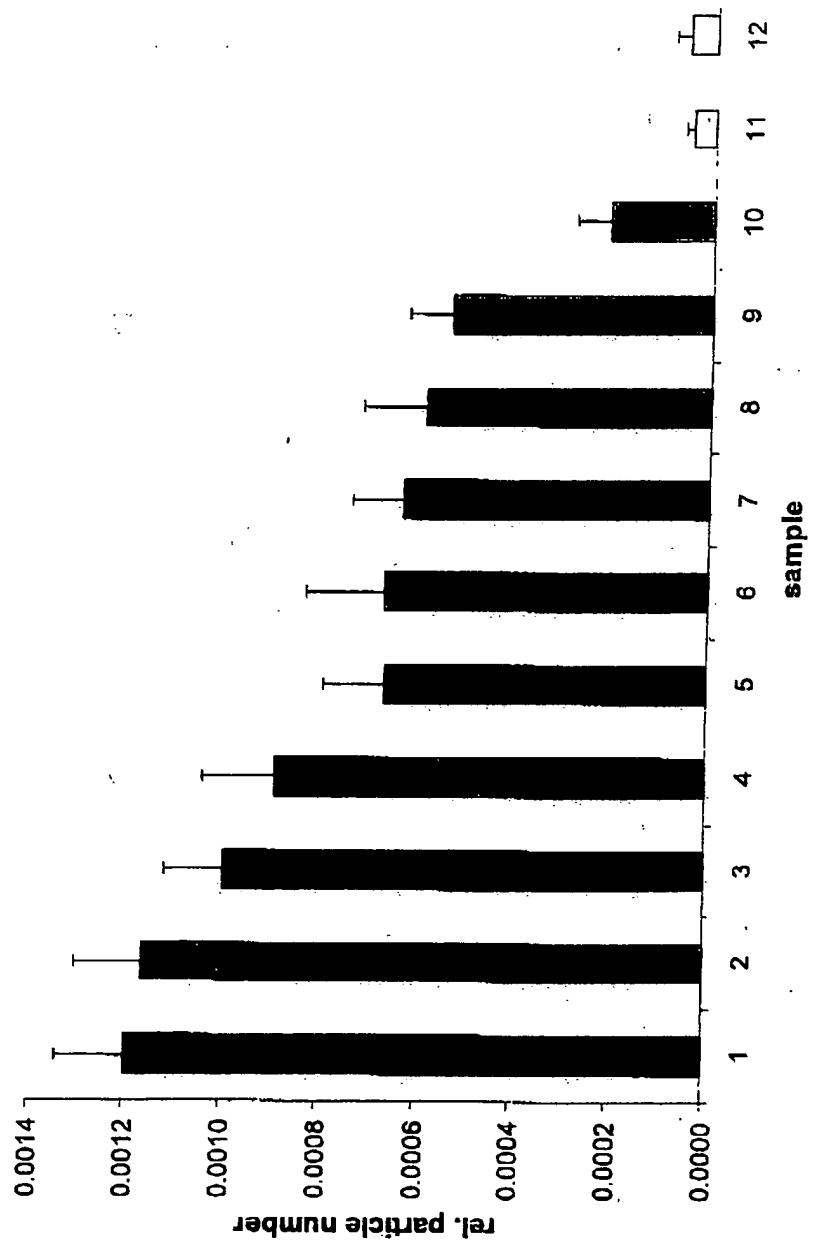


Fig. 13

VLP based reporter assay

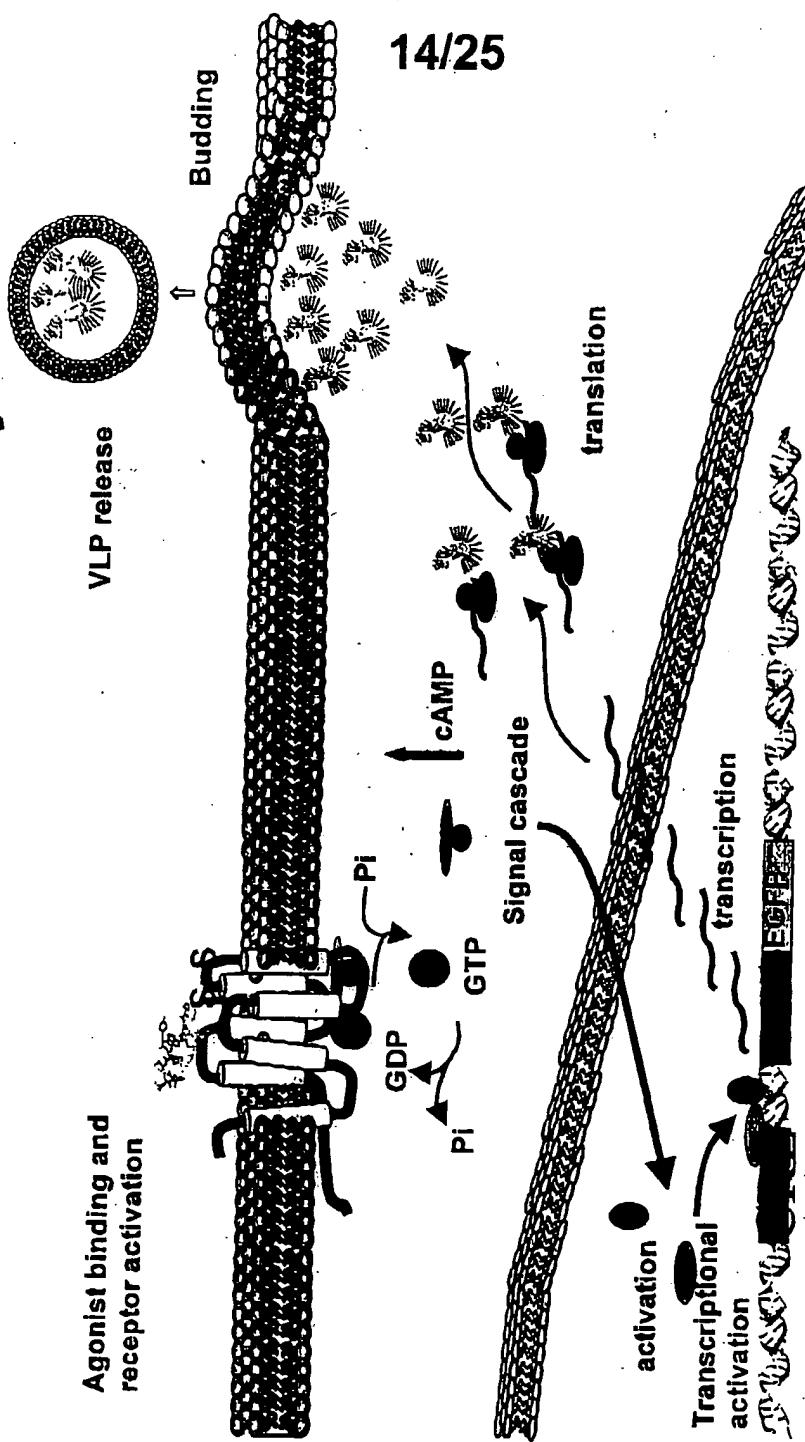


Fig. 14

VLP based reporter assay

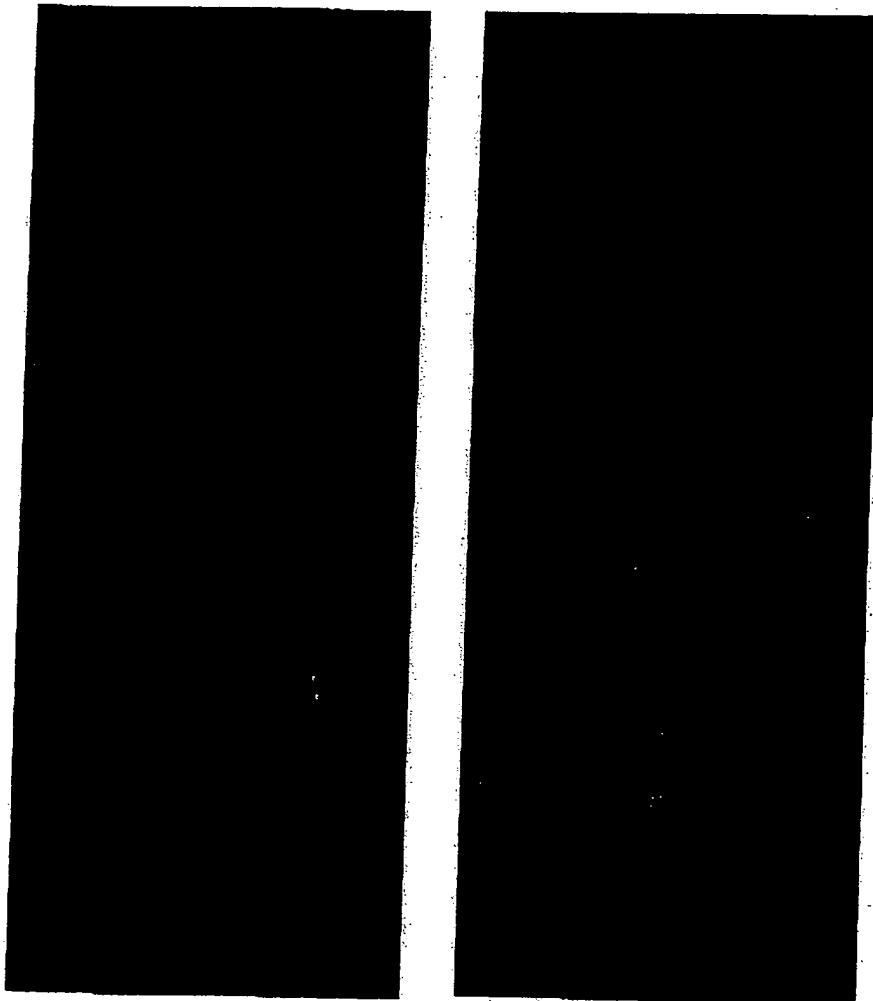
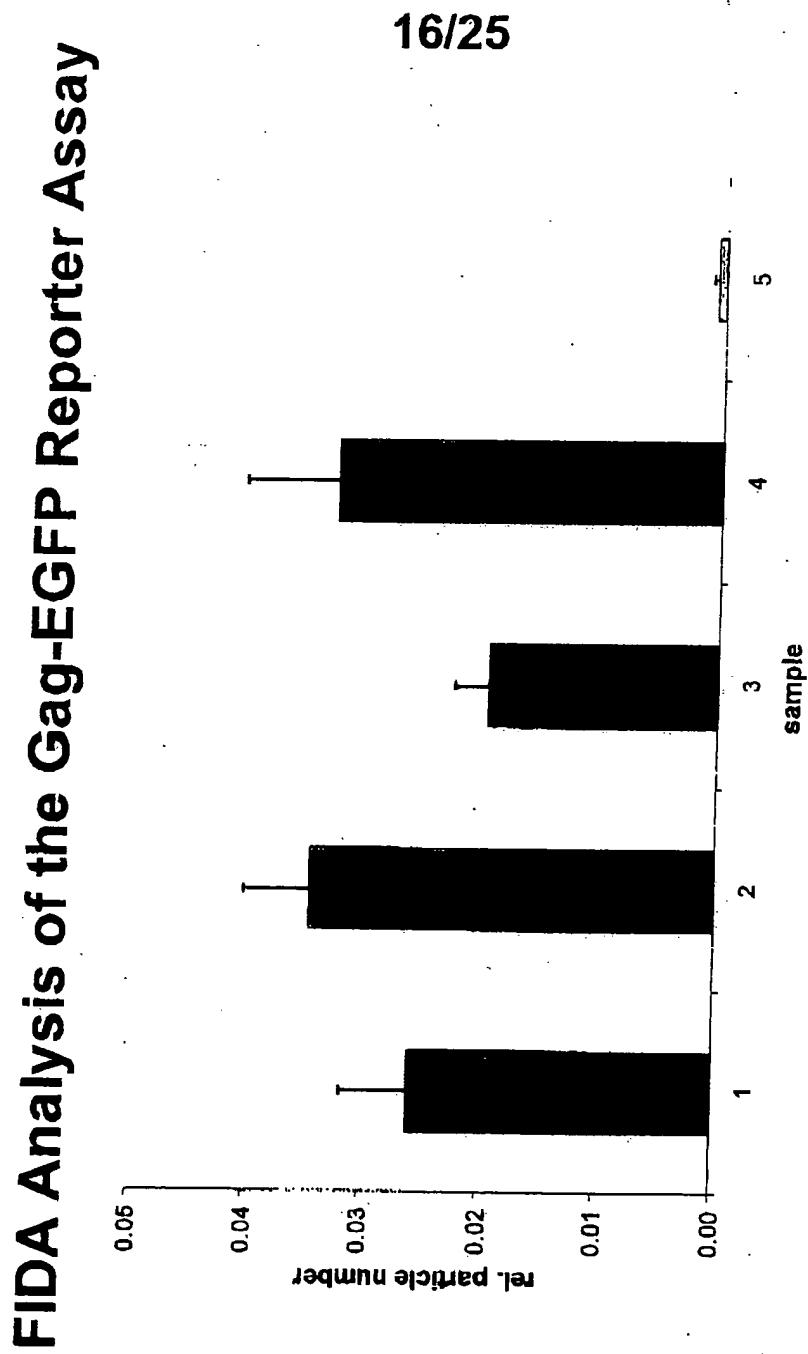


Fig. 15

Fig. 16



VLP based protein translocation assay

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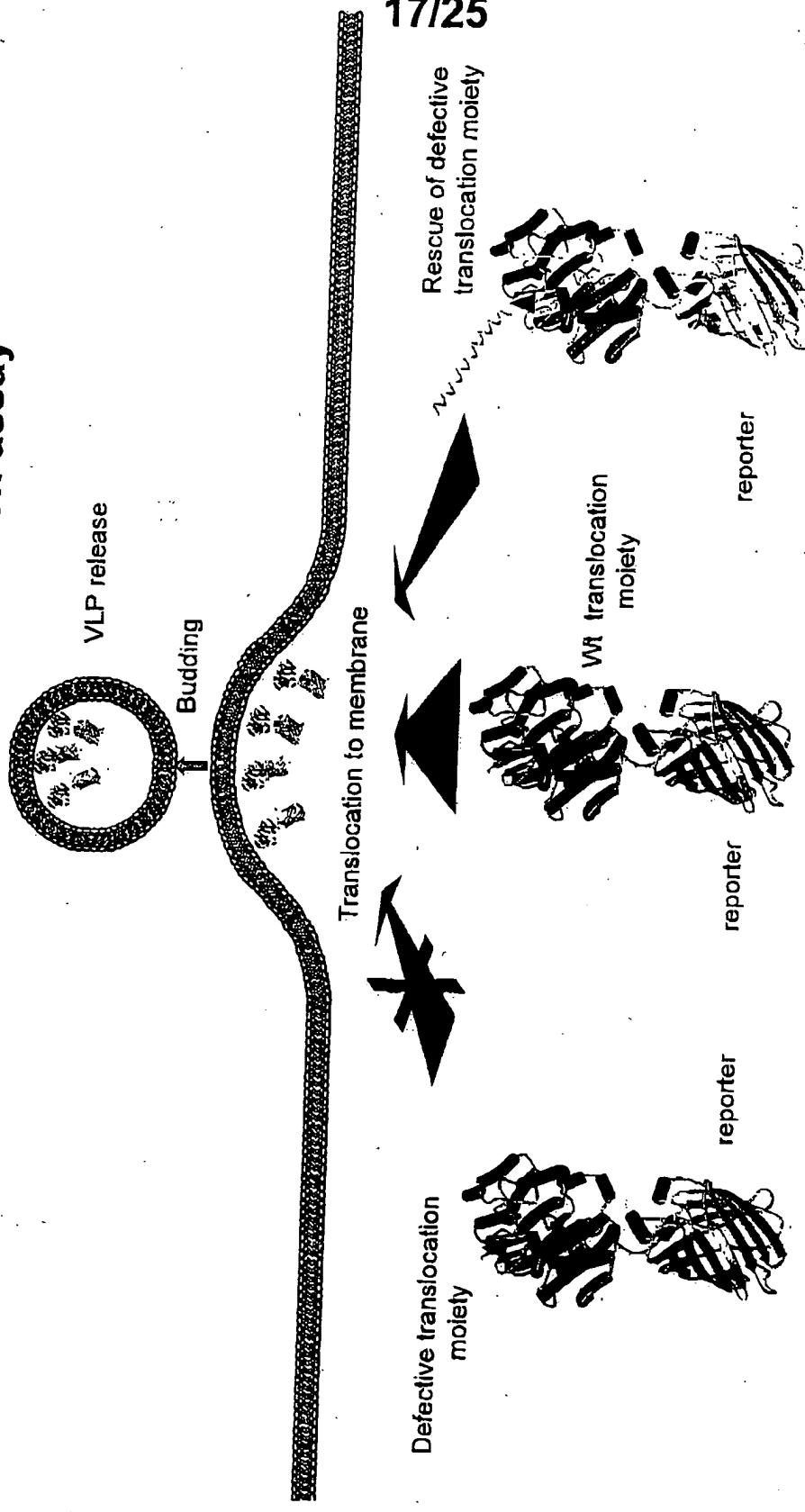


Fig. 17

VLP based protein-protein interaction assay

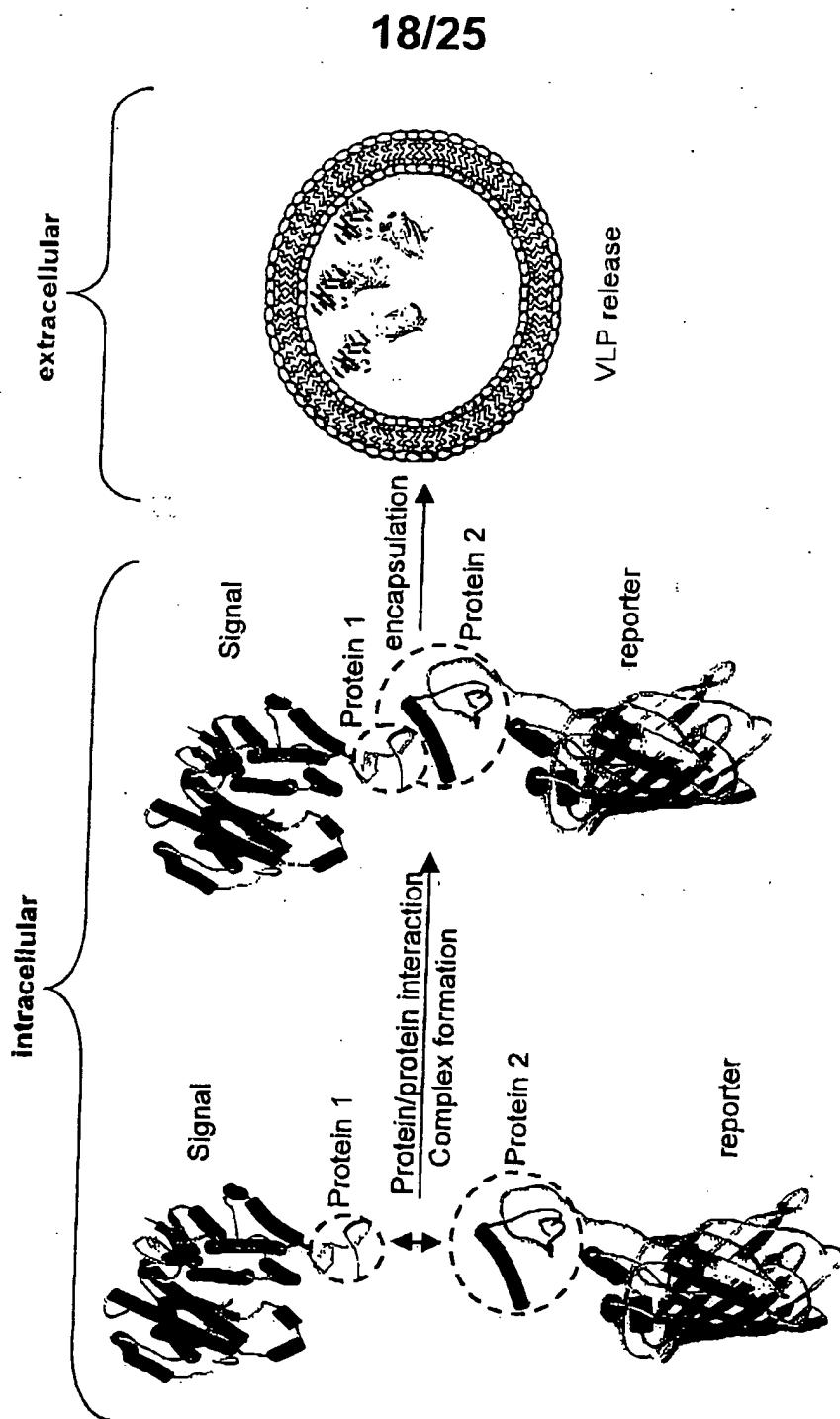


Fig. 18

VLP Based Protein-Protein Interaction Assay

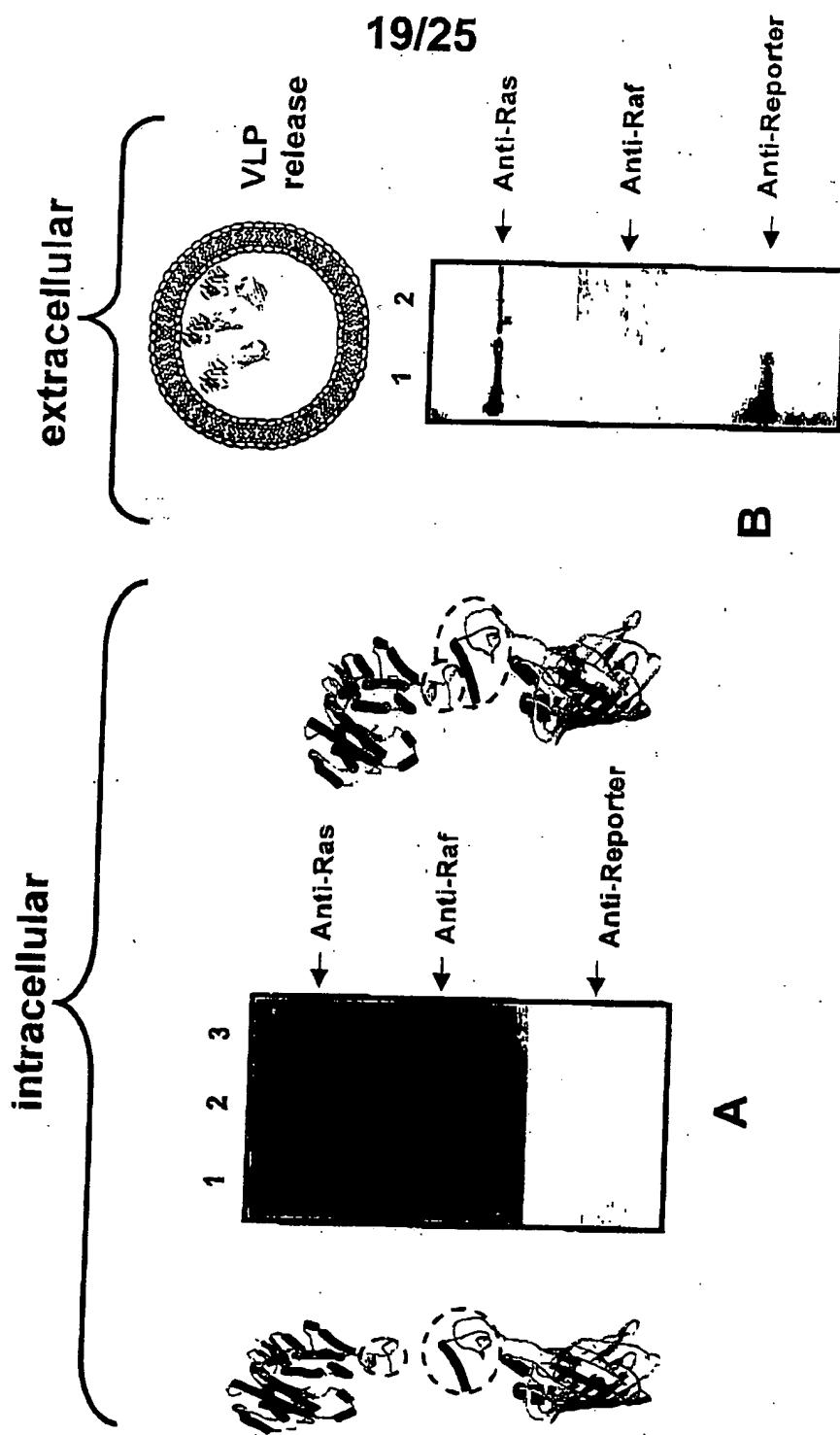


Fig. 19

**VLP based cell-cell interaction assay.
Homologous or heterologous interactions**

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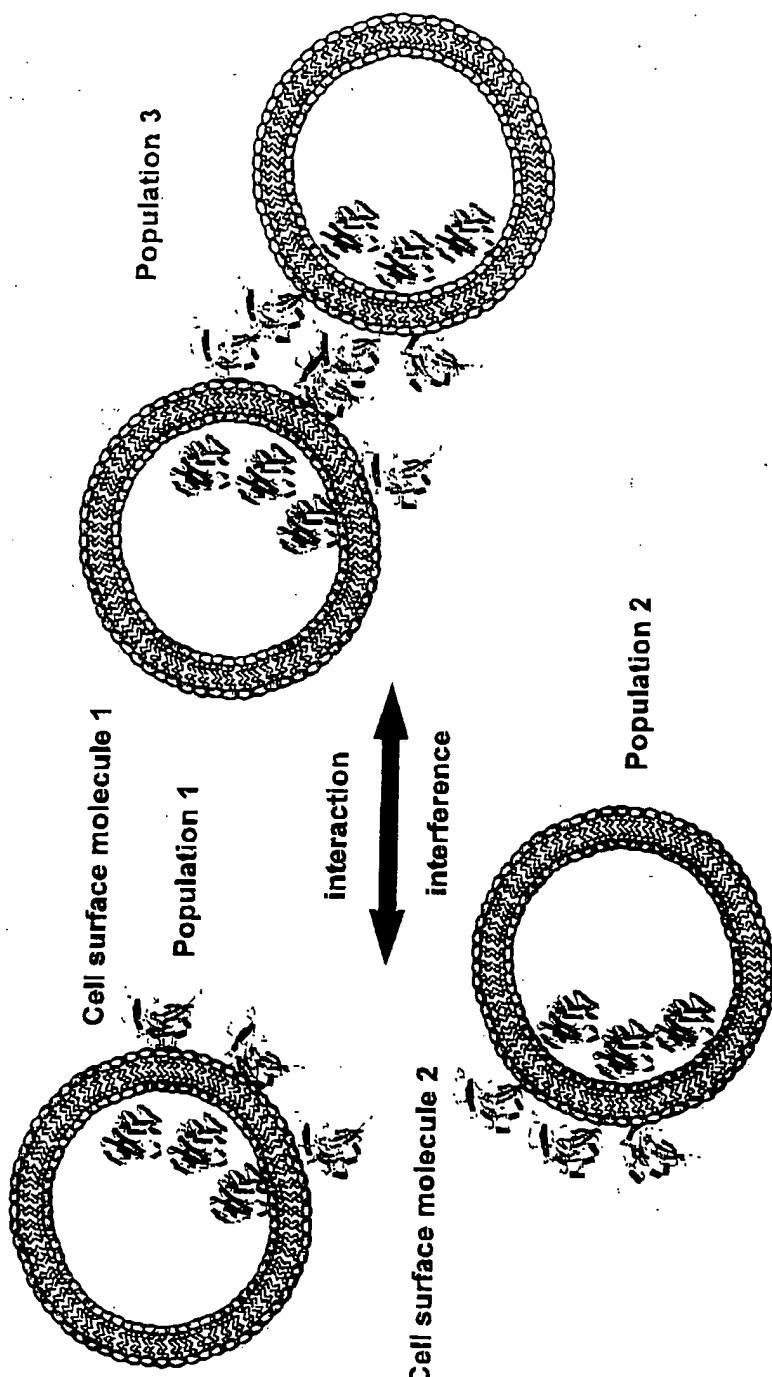


Fig. 20

VLP based - assay technologies

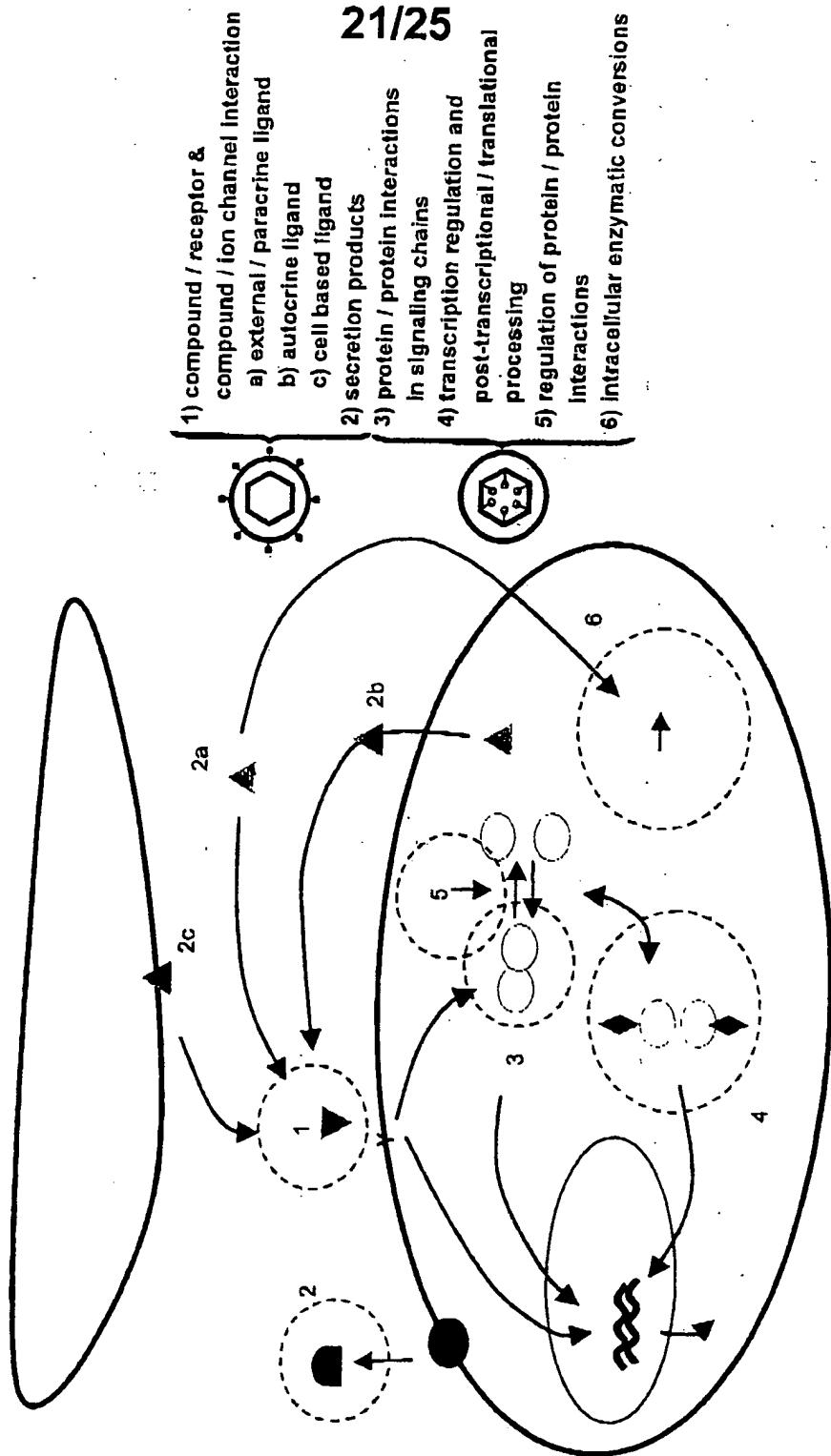


Fig. 21

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Decoding Biological Function of Genetic Sequences using VLP-methodology

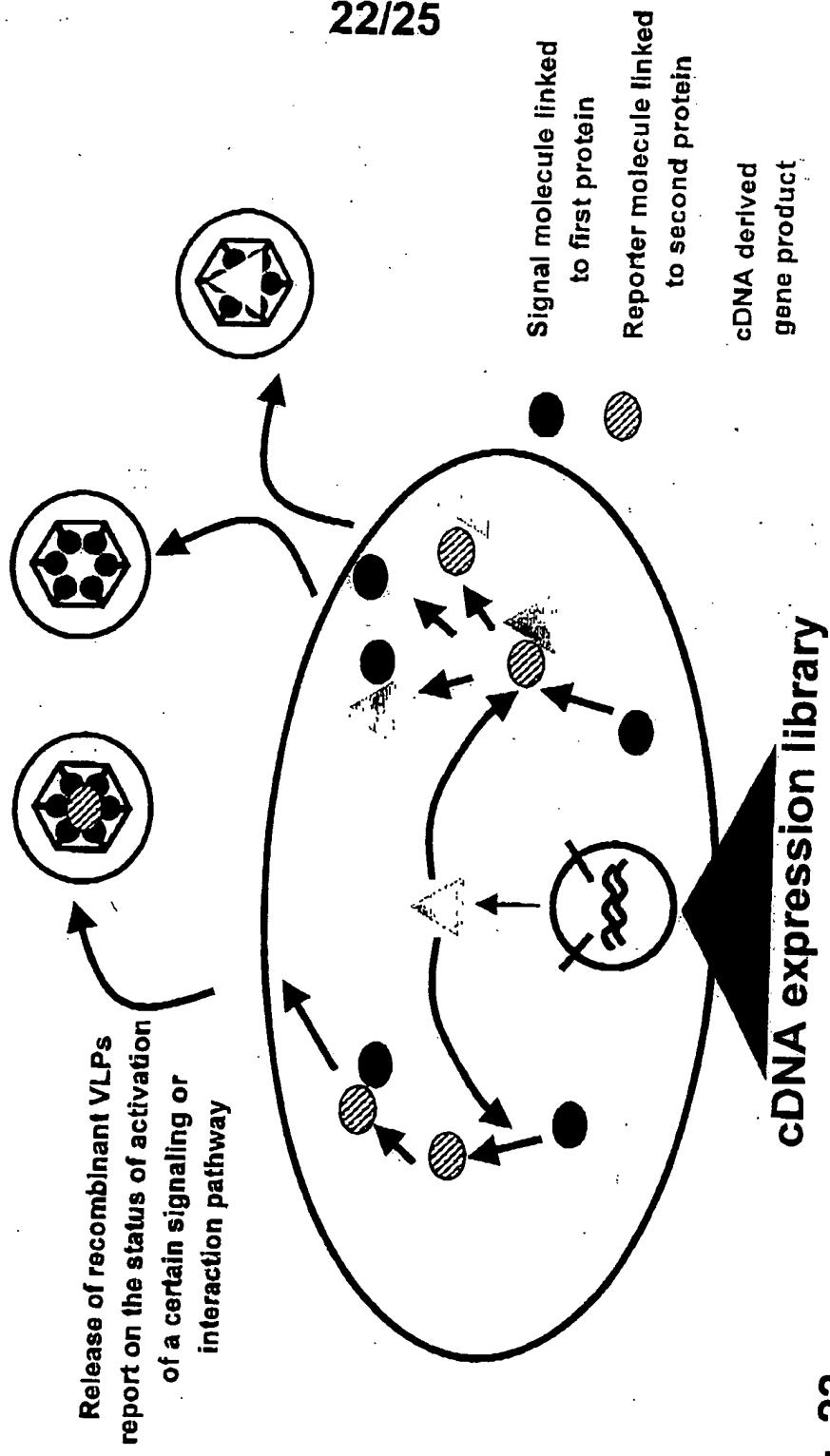


Fig. 22

Decoding Biological Function of Genetic Sequences using VLP-methodology

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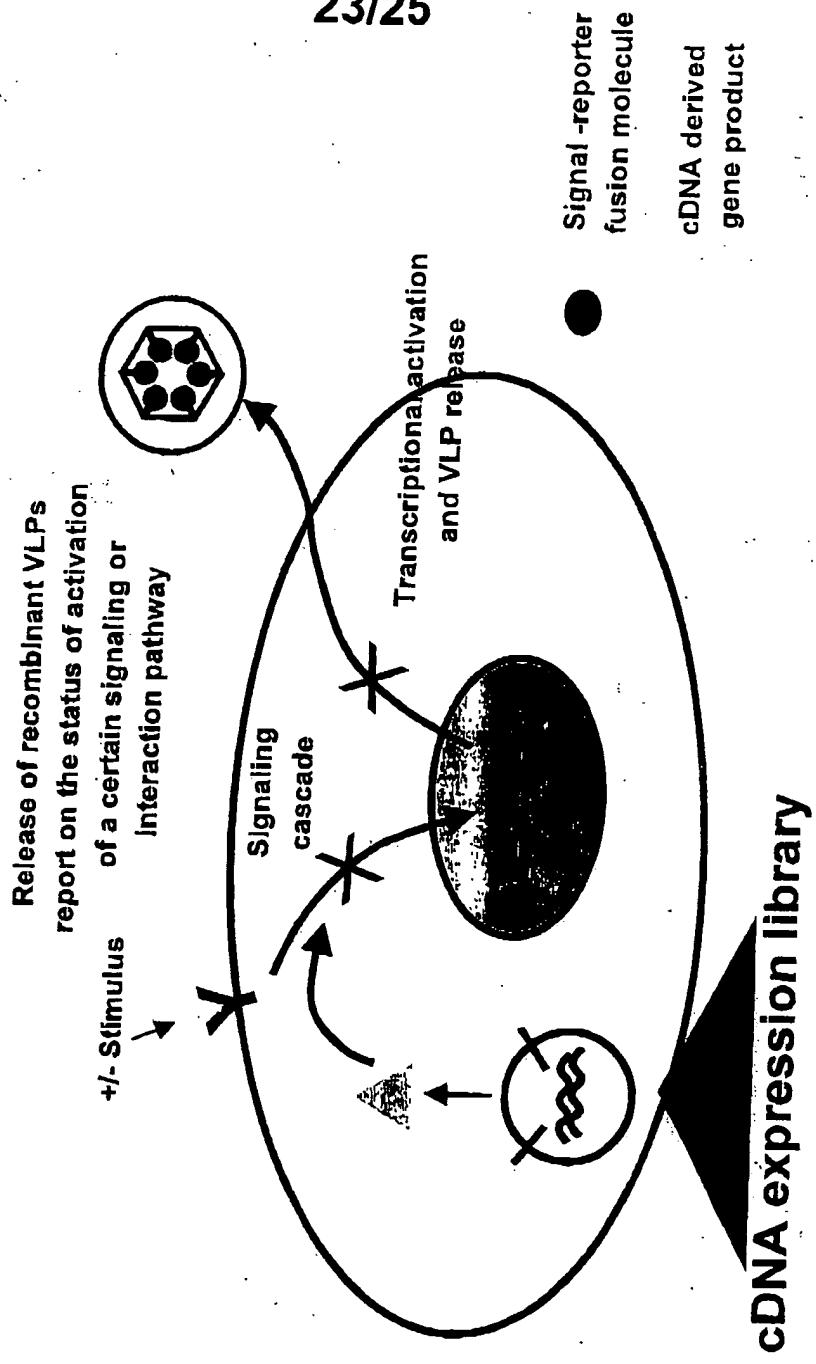


Fig. 23

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Decoding Biological Function of Genetic Sequences using VLP-methodology

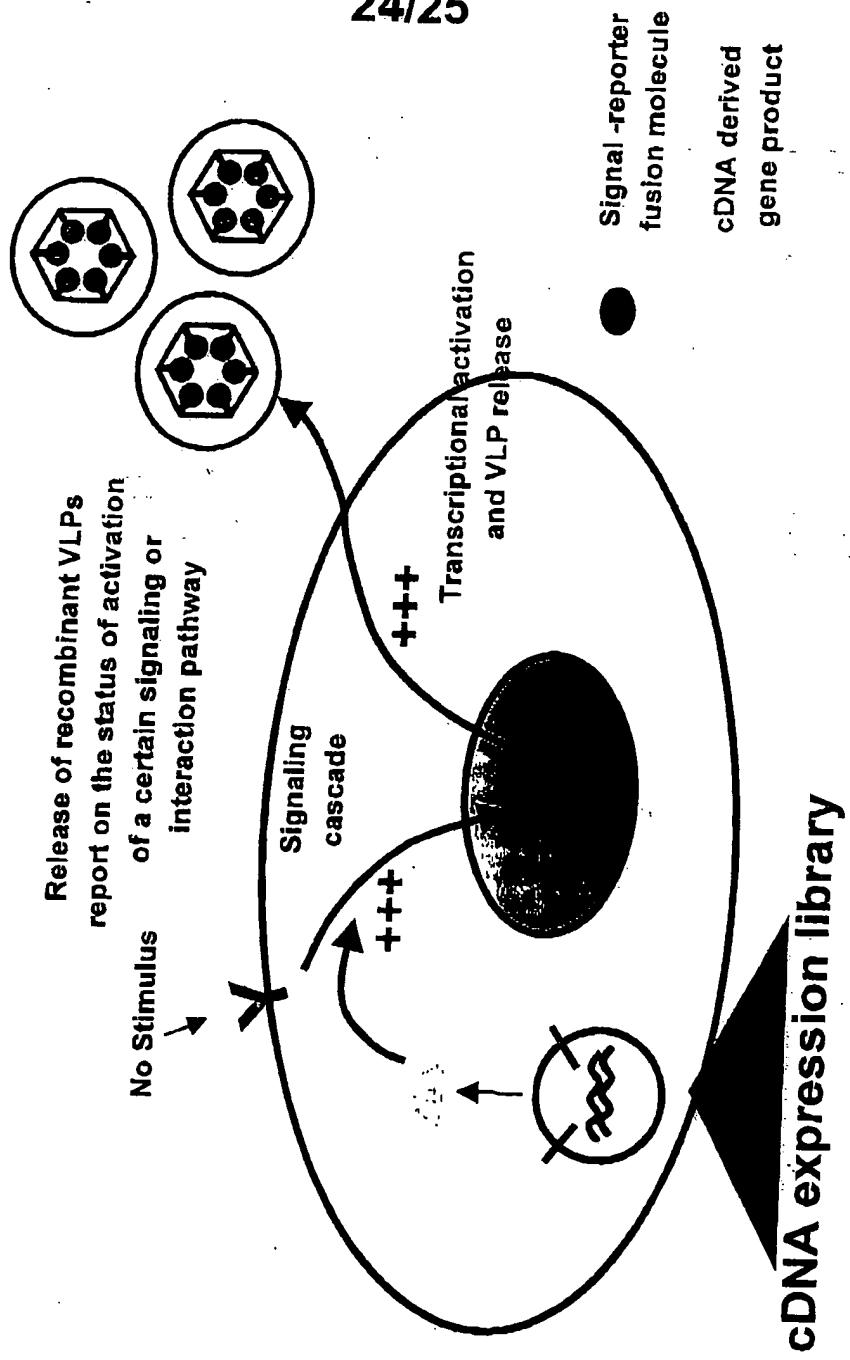


Fig. 24

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**G-protein ($G_{\alpha s}$) expression in VLPs carrying the
Human Endothelin A Receptor**

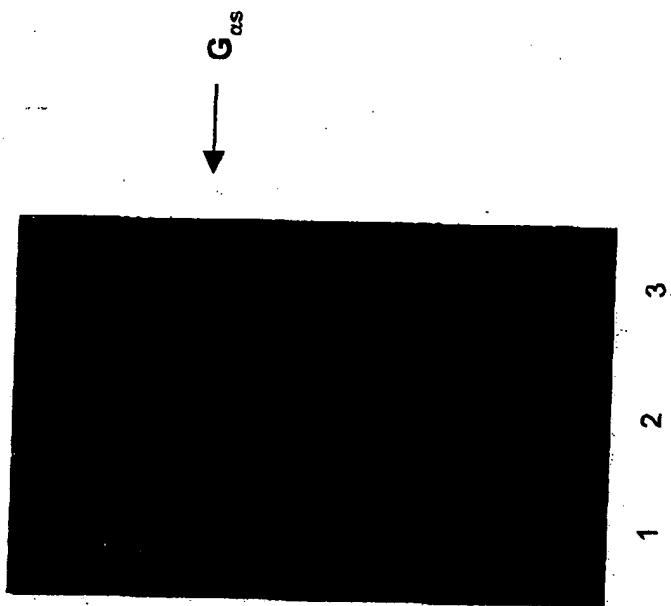


Fig. 25